

Metal working machines



Congratulations!

You have in your hands the Luna Assortment catalogue of metal working machines. The machine assortment consists of power shears and mechanical guillotines, folding machines and bending rolls, grinding machines, drilling machines, crosscutting machines, milling machines, lathes and presses.

The assortment of metal working machines and accessories totally involves about 550 products. Luna offers a comprehensive assortment of high quality that gives you good value for money.



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Mechanical guillotines and power shears

In the Luna assortment of plate shears we have mechanical guillotines as well as pneumatic and motorized power shears.



Manual power shears



No 9601

"Luna". Portable model in steel construction for mounting on a lower beam or work bench. The guillotine is equipped with a plate down-holder, which also functions as a finger guard in accordance with the Swedish Board of Occupational Safety and Health recommendations. The lever arm is collapsible, which makes transport easier. The guillotine design also allows cutting of longer plates, as well as other material such as masonite®, leather, cardboard, plastics, etc. A folding lower beam with lay-out table is available as an accessory. The table is equipped with a lockable stop with 60-500 mm adjustability. Brochure on request 9601-9997.

Manual guillotine	9601	-0103	-0301
Cutting length	mm	800	1000
For max. steel plate 400 N/mm ²	mm	1.25	1
Net weight	kg	25	29
Lower beam	9601	-0202	-0400
Table length x width	mm	1000x500	1150x500
Table height	mm	700	700
Net weight	kg	13	16
Top blade	4086	(-0702)	(-0900)
Bottom blade	4086	(-0801)	(-1007)



No 4086 (illustration shows model with lower beam)

"Luna". In cast design. The spring-loaded stop is adjustable 5-500 mm with a crank and equipped with locking device. The table is calibrated and has movable stop rail plus fixed angle stop. The power shears are supplied with protection in accordance with the Swedish Board of Occupational Safety and Health recommendations (separate protection for older shears supplied on special order). One end of the guard is fixed to the shears table while the over end is fixed to the table with an adjustable stud which permits plate lengths greater than the table length. A frame and locking mechanism are available as accessories, that build a catch the locks the impact arm in the lower position. (Suitable supplement for schools, etc.)

Art. no.	4086	-0306	-0355
Luna	No	MGH 1020	MGH 1270
Lower beam		without	with
Cut length	mm	1020	1270
For max. steel plate	mm	1.5	1.5
Table width	mm	580	560
Table length	mm	1130	1360
Net weight	kg	350	400

Accessories for size	MGH 1020	MGH 1270
	Art. no.	Art. no.
	4086	4086
Lower beam	-0603	-
Top blade	(-0900)	(-0959)
Bottom blade	(-1007)	(-1056)
Locking device	(-1105)	-
Sheet holder	(-1205)	(-1304)
Finger protection	(-1403)	(-1502)

Manual power shears



No 20832

"Luna". Hand operated precision machine, suitable for cutting metal, circuit boards, plastic, etc. As standard the machine is equipped with an illuminated cutting edge, adjustable angle stop with graduated scale, plate stop with adjustable angle and mm-scale and plastic covered automatic acting plate holder.

Art. no.	20832	-0101
Luna	No	MSH 650
Design		Hand operated
Cut length	mm	650
Max. plate thickness (400 N/mm ²)	mm	1.25
Cutting angle		2°
Table length	mm	685
Table width	mm	265
Table height	mm	172
Length	mm	850
Width	mm	380
Height	mm	345
Rear stop	mm	450
Angle stop	mm	220
Cutting line lighting	V	230
Weight	kg	87
Special cutter for stainless steel	11175	(-1004)
Lower beam	11175	(-1202)

Pneumatic power shears



No 20831

"Luna". Precision machines and pneumatic production machines, well-dimensioned and operator-friendly design that gives a good sight of the entire cutting line; ideal for sheet and plastic. Supplied complete with plate stop 90° angle stop, double ground, self-adjusting knives, automatic plate holder and pneumatic controlled safety screen.

Art. no.	20831	-0102	-0201
Luna	No	MSS 100	MSS 125
Design		Pneumatic	Pneumatic
Cut length	mm	1060	1310
Max. plate thickness (400 N/mm ²)	mm	1.25	1.25
Cutting angle		4.5°	3.5°
Number of strokes	per/min	22	22
Table length	mm	1100	1350
Table width	mm	335	335
Table height	mm	750	750
Length	mm	1252	1500
Width	mm	555	555
Height	mm	1010	1010
Rear stop	mm	685	685
Angle stop	mm	300	300
Sound level	dB (A)	82	82
Air consumption per stroke	lit	22	22
Max. air pressure	kPa	1000	1000
Min. air pressure	kPa	700	700
Weight	kg	175	215
Accessories			
Special cutter for stainless steel	11185	(-1002)	(-1101)
11m scale for plate stop	11185	(-1200)	(-1200)



No 20833

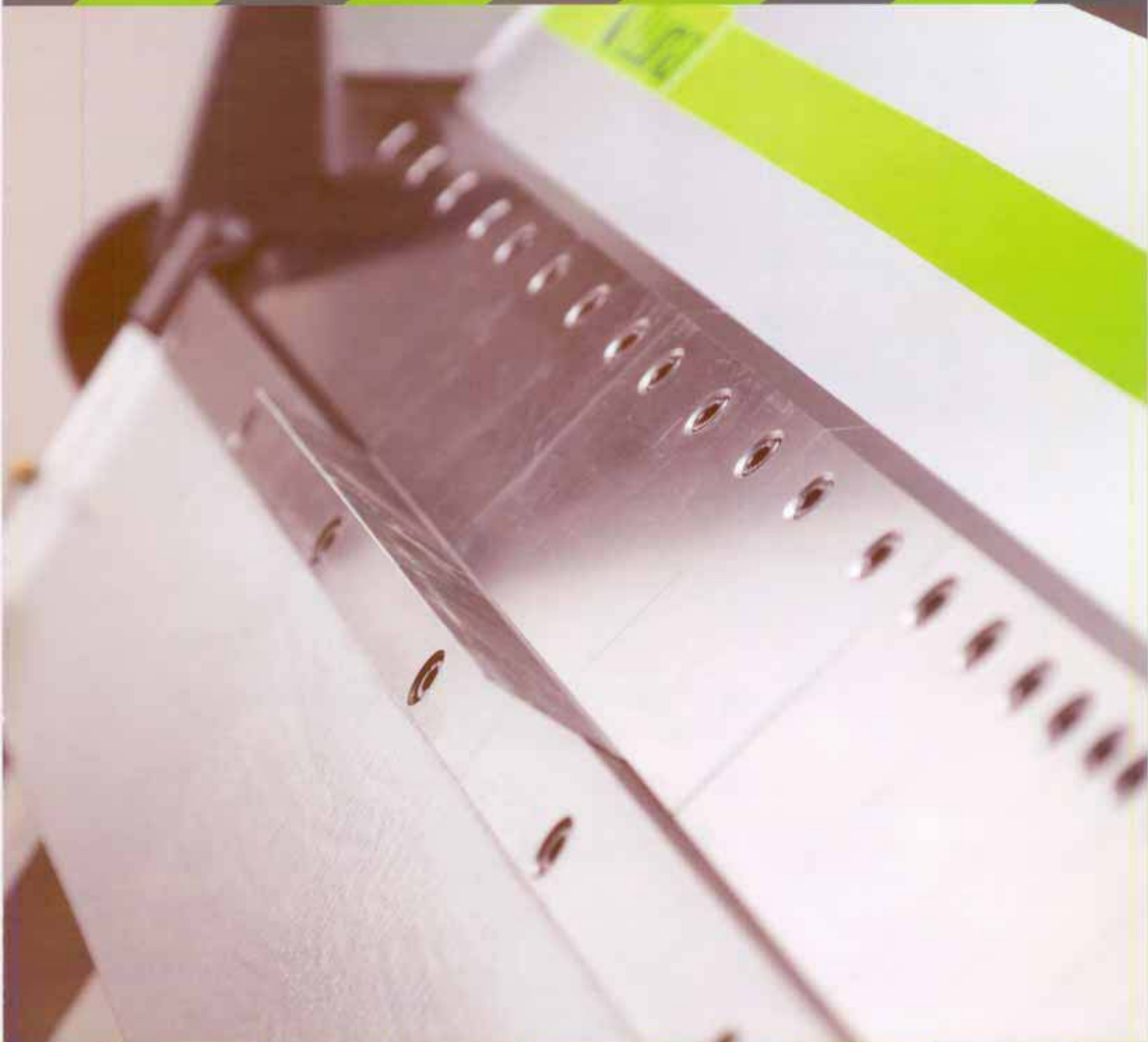
"Luna". Well-designed machine power shears manufactured in a fully-welded steel construction. Power transmission is accomplished from a standard motor with an electro-magnetic brake via a chain connection to the main shaft. This draws the cutter beam to the material via two powerful eccentric systems. The perfect cut is guaranteed using the accurately adjusted cutting gap and high quality cutters and the automatic rubber-covered plate holder. Perfect production shears with operator friendly table design, high cutting speed, optimal cutting angle and low noise level.

Supplied complete with 1-speed motor - enclosure protection class IP 54, motor cut-out with zero voltage tripping, manual plate stop with mm scale, set using a handwheel, cut line lighting, movable 24 V foot switch, table extension 600 mm, adjustable machine feet, angle stop and electrically controlled safety screen.

Art. no.	20833	-0100	-0209
Luna	No	MSM 1250/3	MSM 2000/2
Design		Motor	Motor
Cut length	mm	1275	2025
Max. plate thickness (400 N/mm ²)	mm	3.0	2.0
Cutting angle		2.0°	1.75°
Number of cuts	per/min	35	38
Bench length	mm	930	930
Bench width	mm	330	330
Table height	mm	860	870
Length	mm	1500	2250
Width	mm	550	560
Height	mm	1100	1130
Rear stop	mm	635	640
Angle stop	mm	270	270
Sound level	dB (A)	77	77
Supply voltage	V	24	24
Motor voltage	V	230/400	230/400
Motor output	kW	3-phase 50 Hz	3-phase 50 Hz
Rated current	A	2.2	2.2
Work lighting	V	8	8
Weight	kg	220	220
		760	990
<i>Ditto for Norway</i>	20833	-5000	-5109
Motor voltage	V	230 3-phase 50 Hz	230 3-phase 50 Hz
Rated current	A	14	14
<i>Special cutter for stainless steel</i>		(11190-1005)	(11180-1007)
<i>Cut counter</i>	11190	(-1104)	(-1104)
<i>Bench extender 940 mm</i>	11190	(-1203)	(-1203)
<i>T-slot rail for front edge of table</i>	11190	(-1302)	(-1401)
<i>Sheet catcher, pneumatic flip type</i>	11190	(-1500)	(-1609)

Folding machines and bending rolls

Luna offers a wide variety of manual and motorized folding machines and bending rolls.



Folding machines

Hand driven



Picture shows MFH 700S

"Luna". Easy to operate, lightweight, manual machines for bending of thin sheet material. The machines come with three types of top prisms for different profiles:

Type MFH-S: Has been designed with a segmental rail for manufacturing boxes and special profiles. The lower section can be removed for ease of transportation and for mounting on a bench. A radius bar cannot be supplied for this type of machine.

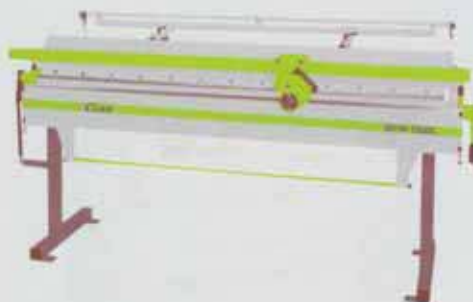
Type MFH-H: For manufacture of high ducts and narrow profiles.

Type MFH-L: For standard bending and, thanks to the low top prism is also suitable for U-profiles and Z-profiles.

Art. no.	20837	-0106	-0205	-0304
Luna	No	MFH 700S	MFH 700H	MFH 700L
Design		Hand driven	Hand driven	Hand driven
Working length	mm	650	650	650
Max. plate thickness (400 N/mm ²)	mm	1.5	1.8	2.0
Bending angle		93°	93°	135°
Opening between the prisms	mm	42	35	38
Length	mm	860	860	860
Width	mm	510	510	510
Height	mm	1070	1040	1000
Discharge springs		-	-	-
Weight	kg	78	69	65
Rear plate stop, 50-545 mm	11155	(-1008)	(-1008)	(-1008)
Radius bar R=2.5 mm	11155	-	(-1305)	(-1404)
Bench fitting	11155	(-1909)	(-1909)	(-1909)
Roller shears		-	-	-
Art. no.	20837	-0403	-0502	-0601
Luna	No	MFH 1000S	MFH 1000H	MFH 1000L
Design		Hand driven	Hand driven	Hand driven
Working length	mm	1050	1050	1050
Max. plate thickness (400 N/mm ²)	mm	1.25	1.25	1.25
Bending angle		93°	93°	135°
Opening between the prisms	mm	35	42	40
Length	mm	1260	1260	1260
Width	mm	510	510	510
Height	mm	1070	1040	1000
Discharge springs		-	-	-
Weight	kg	111	98	89
Rear plate stop, 50-545 mm	11155	(-1107)	(-1107)	(-1107)
Radius bar R=2.5 mm	11155	-	(-1503)	(-1602)
Bench fitting	11155	(-1909)	(-1909)	(-1909)
Roller shears		-	-	(11155-3004)
Art. no.	20837	-0700	-0809	-0908
Luna	No	MFH 1300S	MFH 1300H	MFH 1300L
Design		Hand driven	Hand driven	Hand driven
Working length	mm	1350	1350	1350
Max. plate thickness (400 N/mm ²)	mm	1.20	1.20	1.20
Bending angle		93°	93°	135°
Opening between the prisms	mm	35	35	28
Length	mm	1560	1560	1560
Width	mm	510	510	510
Height	mm	1070	1040	1000
Discharge springs		-	-	Inkl.
Weight	kg	135	115	108
Rear plate stop, 50-545 mm	11155	(-1206)	(-1206)	(-1206)
Radius bar R=2.5 mm	11155	-	(-1701)	(-1800)
Bench fitting	11155	(-1909)	(-1909)	(-1909)
Roller shears		-	-	(13725-3001)

Folding machines

Hand driven



No 20852

"Luna". Easy to operate, lightweight, manual machines for bending of thin sheet material. The machines come with three types of top prisms for different profiles:

For standard bending and, thanks to the low top prism is also suitable for U-profiles and Z-profiles.

Art. no.	20852	-0100	-0205	-0304
Luna	No	MFM 1500L	MFH 2000L	MFH 3000L
Design		Hand driven	Hand driven	Hand driven
Working length	mm	1500	2020	3020
Max. plate thickness (400 N/mm ²)	mm	1.5	1.0	1.0
Bending angle		135°	135°	135°
Opening between the prisms	mm	45	42	45
Length	mm	1520	2320	3400
Width	mm	640	630	765
Height	mm	1100	1100	1390
Discharge springs		incl.	incl.	incl.
Weight	kg	329	385	780
Rear plate stop, 50-545 mm	11155	-	(-2006)	-
Radius bar R=2.5 mm	11155	(-2105)	(-2204)	(-2303)
Bench fitting	11155	(-1909)	(-1909)	(-1909)
Roller shears	20852	-	-0502	-0601
Max. thickness of plate, zinc	mm	-	0.8	0.8

Foot-operated

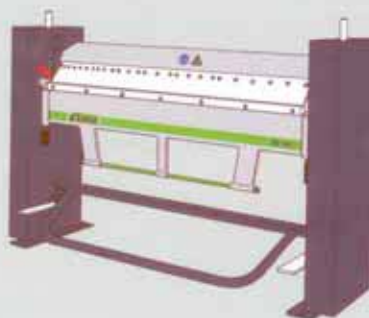


No 20838

"Luna". Powerful, well-dimensioned machines specially designed for professional use. A compact, fully-welded design of extremely high quality, where the emphasis is primarily on simple, ergonomically correct handling and minimal maintenance. Designed with foot-operated tightening for the top prism, allowing a particularly simple and rapid procedure that frees up both hands for adjusting the bend material. There are 25 mm recesses on the sides of the top, bottom and bend prism used for bending profiles with sides bent upwards. Relief springs are standard for weight equalisation of the folding beam, which guarantees perfect and trouble free folding. The models have segmented sharp rails for folding box sections up to a maximum edge height of 68 mm. Supplied as standard with a 15 mm feed bar.

Art. no.	20838	-0105	-0204
Luna	No	MFF 2S	MFF 3S
Design		Foot op.	Foot op.
Working length	mm	1020	1270
Max. plate thickness (400 N/mm ²)	mm	2.5	2.0
Bending angle		135°	135°
Opening between the prisms	mm	48	48
Length	mm	1348	1598
Width	mm	850	900
Height	mm	1175	1175
Discharge springs		incl.	incl.
Weight	kg	285	330
Rear plate stop 80-545 mm	11150	(-1003)	(-1003)
Insert bar 10 mm	11150	(-1805)	(-1904)
Insert bar 20 mm	11150	(-2100)	(-2209)

Folding machines Foot-operated



Picture shows MFF 6S

"Luna". Powerful, well-dimensioned machines specially designed for professional use. A compact, fully-welded design of extremely high quality, where the emphasis is primarily on simple, ergonomically correct handling and minimal maintenance. There are 25 mm recesses on the sides of the top, bottom and bend prism used for bending profiles with sides bent upwards. Designed with foot operated clamping of the upper beam, whereby you obtain an especially easy and quick working method as both hands are free to set the material to be folded.

The models have segmented sharp rails for folding box sections up to a maximum edge height of 62 mm for MFF-6S and 74 mm for MFF-7S/MFF-8S.

Supplied as standard with relief-spring for weight equalisation on the folding beam, which guarantees perfect and trouble-free folding, angle stop on the folding carriage and insert rail 20 mm.

Art. no.	20853	-0105	-0204	-0303
Luna	No	MFF 6S	MFF 7S	MFF 8S
Design		Foot op.	Foot op.	Foot op.
Working length	mm	1500	2020	2520
Max. plate thickness (400 N/mm ²)	mm	2.5	2.0	1.6
Bending angle		135°	135°	135°
Opening between the prisms	mm	52	52	52
Length	mm	2375	2565	3070
Width	mm	680	560	560
Height	mm	1150	1265	1265
Discharge springs		incl.	incl.	incl.
Weight	kg	484	572	660
Rear plate stop, 80-800 mm	11150	(-3801)	(-2407)	(-2407)
Insert bar 10 mm	11150	-	(-3207)	-
Insert bar 15 mm	11150	-	-	(-3306)
Insert bar 20 mm	11150	(-3800)	(-3504)	-
Insert bar 30 mm	11150	-	-	(-3603)



Picture shows MFF 2 3SH

"Luna". Trimming machines with segmental upper, lower and folding beams for bending in the opposite direction, allowing a huge number of options for bending special profiles. Has a powerful, fully-welded design with foot-operated tightening for the top prism, allowing a particularly simple and rapid procedure that frees up both hands for adjusting the bend material. The segment modules can be joined with 5 mm increments from 25 mm to the full length.

Supplied as standard with an angle stop on the bend prism with a discharge spring for load compensation, which guarantees perfect, problem free bending for optimal management and maximum load.

Art. no.	20854	-0104	-0203
Luna	No	MFF 2 3SH	MFF 3 3SH
Design		Foot op.	Foot op.
Working length	mm	1020	1270
Max. plate thickness (400 N/mm ²)	mm	2.5	2.0
Bending angle		150°	150°
Lift height upper beam	mm	45	45
Length	mm	1348	1598
Width	mm	850	900
Height	mm	1250	1250
Discharge springs		incl.	incl.
Weight	kg	385	415
Rear plate stop, 35-545 mm	11150	(-3702)	(-3702)

Bending rolls

Hand driven

"Luna". Hand operated bending rolls in asymmetrical design med centerless ground rollers from 25 for 45 mm. Machine ends made of anodised sold aluminium. Application of the bottom roller and bend roller is done with wheels. The bend roller can also be inclined for bending cones. The top roller can be easily swung out to remove the completed materials.

Art. no.	4126	(-0100)	(-0209)	(-0308)	-0407
Luna	MBA-	208 H	306 H	209 H	307 H
Working length	mm	210	360	210	360
Roll diameter	mm	25	25	30	30
Max. plate thickness (400 N/mm ²)	mm	0.8	0.6	0.9	0.7
Weight	kg	13	15	16	19
Lower beam	4126	(-0902)	(-1009)	(-0902)	(-1009)
Art. no.	4126	(-0506)	(-0605)	(-0704)	-0803
Luna	MBA-	310 H	508 H	312 H	509 H
Working length	mm	360	510	360	510
Roll diameter	mm	40	40	45	45
Max. plate thickness (400 N/mm ²)	mm	1.0	0.8	1.2	0.9
Weight	kg	23	29	27	33
Lower beam	4126	(-1009)	(-1108)	(-1009)	(-1108)



No 4126

"Luna". In asymmetrical design. Both gear wheels for the gear and roller gear are located on the left end which makes it possible to always work clockwise, regardless of whether the gear is used or not. The top roller is very easy to swing out for removal of ready pipes. The bottom roller is attached with a wheel on the right-hand side of the machine. The bend roller is easily adjustable via a worm gear with another wheel on the front right-hand side. Lower roller and bending roller have four different flute for rolling rod inserts. Bending roller can be offset for rolling cones. Size 6/15 without gear change.

Other sizes with gear changing that can be released in one simple operation.

Brochure on request 9999-4279.

The machines are also available with an underframe made of steel tube.

Art. no.	8905	-0058	-0108	(-4100)
Luna	MBE-	615 H	1010 H	1012 H
Exchanging		with	with	with
Working length	mm	675	1020	1020
For max. plate thickness (400 N/mm ²)	mm	1.5	1	1.2
Top and bottom roller diameter	mm	50	50	55
Rear roller diameter	mm	55	55	55
Net weight	kg	90	115	125
Lower beam	8905	-0173	-0207	-0207



No 8905

"Luna". Equipped with three cambered rollers. The top roller can be swung out for easy removal of the rolled plate. The bottom roller is attached with a wheel on the right-hand end of the machine. The rear roller is set with a level and replaceable ratchet quadrant. The roller can also be tilted for conical bends. Bottom and rear rollers have four different grooves for bending wiring.

The machine is supplied with cambered rollers, gears and can be obtained with a steel tube underframe.

Brochure on request 9999-4279.

Art. no.	4132	-0102	-0201	-0309
Luna	MBK-	620 H	1015 H	1212 H
Working length	mm	675	1020	1270
For max. plate thickness (400 N/mm ²)	mm	2	1.5	1.25
Top and bottom roller diameter	mm	60	60	60
Rear roller diameter	mm	65	65	65
Net weight	kg	140	175	215
Lower beam	4132	-0458	-0508	-0607



No 4132



No 8263

Bending rolls Hand driven

"Luna". Simple, stable machine. The rollers are situated symmetrically and all are cambered. The bottom rollers are mounted securely, while the bottom rollers are adjustable using two screw spindles and can be tilted for conical bending. One side clamp is foldable so that the bent workplace can be removed.
Conical bending device: suits all sizes.
Conical bending can only be ordered with the machine.
Brochure on request 9999-4279.

Art. no.	8263	(-0104)	(-0203)	(-0302)	(-0809)	(-0708)
Luna	MBS-	1035 H	1050 H	1060 H	1230 H	1240 H
Working length	mm	1025	1020	1020	1275	1270
For max. thickness of plate (400 N/mm ²)	mm	3.5	5	6	3	4
Top roller diameter	mm	90	100	110	90	100
Bottom roller diameter	mm	80	90	100	80	90
Net weight	kg	295	410	460	330	450

Art. no.	8263	(-0807)	(-1102)	(-1201)	(-1300)	(-1607)
Luna	MBS-	1250 H	1525 H	1535 H	1540 H	1715 H
Working length	mm	1270	1525	1525	1520	1770
For max. thickness of plate (400 N/mm ²)	mm	5	2.5	3.5	4	1.5
Top roller diameter	mm	110	90	100	110	90
Bottom roller diameter	mm	100	80	90	100	80
Net weight	kg	510	365	490	560	400

Art. no.	8263	(-1706)	(-1805)	(-2100)	(-2209)	(-2308)
Luna	MBS-	1725 H	1730 H	2010 H	2015 H	2020 H
Working length	mm	1770	1770	2020	2020	2020
For max. thickness of plate (400 N/mm ²)	mm	2.5	3	1	1.5	2
Top roller diameter	mm	100	110	90	100	110
Bottom roller diameter	mm	90	100	80	90	100
Net weight	kg	530	610	435	570	660

Accessories	8263	(-2605)
Conical bending device		



No 4135

Motor driven

"Luna". With worm gear motor. The rollers are placed asymmetrically and all are cambered to provide uniform bends. The top roller can be swung out for the removal of ready bent pipes. Attaching the rear roller is done with a lever. The bottom roller with a wheel. The top and bottom rollers are equipped with four different grooves for bending work objects with wiring. The rear roller can also angled for rolling cones.
Supplied complete with brake motor 230/400 volt 3-phase 50 Hz, emergency stop button, emergency stop med wire, lower stand and foot operated forward and reverse switch with supply voltage 24 V. Working speed 5.5 m/min. Electrical equipment according to enclosure protection class IP 54. Other working lengths than those in the table quoted on request.
Brochure on request 9999-4279.

Art. no.	4135	(-0109)	(-0208)	(-0307)
Luna	MBL-	620 M	1015 M	1212 M
Working length	mm	675	1010	1260
For max. plate thickness (400 N/mm ²)	mm	2	1.5	1.25
Top and bottom roller diam.	mm	60	60	60
Rear roller diameter	mm	65	65	65
Motor output	kW	0.5	0.5	0.5
Weight	kg	180	215	255

Ditto for Norway	4135	(-0455)	(-0406)	(-0505)
Motor voltage	V	230 3-phase 50 Hz	230 3-phase 50 Hz	230 3-phase 580 Hz

Frequency control	4135	(-0604)	(-0604)	(-0604)
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Bending rolls

Motor driven



No 8264

"Luna". Simple, stable machine. The rollers are sited symmetrically and all are cambered. The bottom rollers are mounted securely, while the top roller is adjustable using two screw spindles and can be tilted for conical bending. One side clamp is foldable so that bent work objects can be removed. The two bottom rolls are driven by means of a V-belt and gear wheels. Working speed 6 m/min. Supplied complete with 230/400 volt 3-phase 50 Hz brake motor by alternating current - protection class IP 54, foot-operated forward and reverse change-over switch with 24 V control voltage and emergency stop button and emergency stop with wire. Conical bending can only be ordered with the machine. Brochure on request 9999-4279.

Art no	8264	(-0103)	(-0202)	(-0301)	(-0400)	(-0509)	(-0608)	(-0707)
Luna	MBT-	1035 M	1050 M	1060 M	1070 M	1080 M	1230 M	1240 M
Working length	mm	1020	1020	1020	1020	1020	1270	1270
For max. thickness of plate (400 N/mm ²)	mm	3.5	5	6	7	8	3	4
Top roller diameter	mm	90	100	110	120	130	90	100
Bottom roller diameter	mm	80	90	100	110	120	80	90
Motor power at 900 r/min	kW	0.75	1.1	1.1	1.5	1.5	0.75	1.1
Weight	kg	310	430	480	670	725	345	470
Art no	8264	(-0806)	(-0905)	(-1002)	(-1101)	(-1200)	(-1309)	(-1408)
Luna	MBT-	1250 M	1260 M	1270 M	1525 M	1535 M	1540 M	1550 M
Working length	mm	1270	1270	1270	1525	1525	1525	1525
For max. thickness of plate (400 N/mm ²)	mm	5	6	7	2.5	3.5	4	5
Top roller diameter	mm	110	120	130	90	100	110	120
Bottom roller diameter	mm	100	110	120	80	90	100	110
Motor power at 900 r/min	kW	1.1	1.5	1.5	0.75	1.1	1.1	1.5
Weight	kg	530	730	795	380	510	580	790
Art no	8264	(-1507)	(-1606)	(-1705)	(-1804)	(-1903)	(-2000)	(-2109)
Luna	MBT-	1560 M	1715 M	1725 M	1730 M	1740 M	1750 M	2010 M
Working length	mm	1525	1770	1770	1770	1770	1770	2020
For max. thickness of plate (400 N/mm ²)	mm	6	1.5	2.5	3	4	5	1
Top roller diameter	mm	130	90	100	110	120	130	90
Bottom roller diameter	mm	120	80	90	100	110	120	80
Motor power at 900 r/min	kW	1.5	0.75	1.1	1.1	1.5	1.5	0.75
Weight	kg	865	415	550	630	850	935	450
Art no	8264	(-2208)	(-2307)	(-2406)	(-2505)	(-2604)	(-2703)	(-2802)
Luna	MBT-	2015 M	2020 M	2030 M	2040 M	2510 M	2515 M	2520 M
Working length	mm	2020	2020	2020	2020	2520	2520	2520
For max. thickness of plate (400 N/mm ²)	mm	1.5	2	3	4	1	1.5	2
Top roller diameter	mm	100	110	120	130	110	120	130
Bottom roller diameter	mm	90	100	110	120	100	110	120
Motor power at 900 r/min	kW	1.1	1.1	1.5	1.5	1.1	1.5	1.5
Weight	kg	590	680	910	1005	780	1030	1145

Accessories

Conical bending device

8263

(-2605)

Bending rolls

Motor driven



No 8266



Conical bending device



Collector shoe



Motor-driven bending roller emergency stop equipment and brake motor

"Luna". Modern easily operated machine. The rollers are placed asymmetrically and all are cambered to provide uniform bends. Driving of the top and bottom rollers is done from the worm gear motor. The top roller is easy to swing out for removal of ready bent pipes. All rollers are needle bearing mounted. Attachment of bottom roller and bend roller is accomplished with wheels via worm gears. Working speed 4.5 m/min. Supplied complete with brake motor 230/400 V 3-phase - Enclosure protection class IP 54, foot operated forward and reverse switch with supply voltage 24 V, emergency stop button, emergency stop with wire and graduations for the bending roller. The machine can be ordered equipped with (see table). Cone rolling device (inclined incl. collector shoe). Motor driven application of the bending rollers, motor driven application of the lower rollers, portable control panel, frequency control and digital display for the bending rollers (requires 2 for rolling cones) and digital display on the lower rollers. Hardened and ground rollers or adiprene coated rollers quoted on request. Brochure on request 9999-4279.

Art. no.	8266	(-0127)	(-0143)	(-0168)	(-0184)	(-0010)	(-0028)	(-0036)	(-0044)	(-0051)	(-0069)	(-0077)
Luna	MBR	1025 M	1220 M	1515 M	2010 M	1030 M	1225 M	1520 M	2015 M	1040 M	1235 M	1530 M
Working length	mm	1040	1290	1540	2040	1040	1290	1540	2040	1040	1290	1540
For max. pl.-thick. (400 N/mm ²)	mm	2.5	2	1.5	1	3	2.5	2	1.5	4	3.5	3
Roller diam.	mm	80	80	80	80	90	90	90	90	100	100	100
Motor output	kW	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.1	1.1	1.1
Weight	kg	400	440	480	560	440	490	530	625	665	725	785

Art. no.	8266	(-0085)	(-0093)	(-0101)	(-0200)	(-0309)	(-0507)	(-0549)	(-1208)	(-1307)	(-1406)	(-1505)
Luna	MBR	2020 M	2510 M	1050 M	1245 M	1540 M	2025 M	2515 M	1055 M	1250 M	1545 M	2030 M
Working length	mm	2040	2540	1040	1290	1540	2040	2540	1040	1290	1540	2040
For max. pl.-thick. (400 N/mm ²)	mm	2	1	5	4.5	4	2.5	1.5	5.5	5	4.5	3
Roller diam.	mm	100	100	110	110	110	110	110	120	120	120	120
Motor output	kW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Weight	kg	905	1025	700	770	840	975	1110	745	825	905	1060

Art. no.	8266	(-1554)	(-1604)	(-1703)	(-1802)	(-1901)	(-1950)	(-2008)	(-2107)	(-2206)	(-2305)	(-2404)
Luna	MBR	2520 M	1060 M	1255 M	1550 M	2035 M	2525 M	1065 M	1260 M	1555 M	2040 M	2530 M
Working length	mm	2540	1040	1290	1540	2040	2540	1040	1290	1540	2040	2540
For max. pl.-thick. (400 N/mm ²)	mm	2	6	5.5	5	3.5	2.5	6.5	6	5.5	4	3
Roller diam.	mm	120	130	130	130	130	130	140	140	140	140	140
Motor output	kW	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Weight	kg	1225	960	1055	1140	1320	1500	1015	1120	1220	1425	1630

Accessories

	Art. no.
Angular adjustment of the bend roller with collector shoe for 80/90 mm rollers incl. manual reading	8266
Angular adjustment of the bend roller with collector shoe for 100/140 mm rollers incl. manual reading	(-0556)
Angular adjustment of bottom roller 80-140 mm	(-0606)
Digital display 8266 per axle bend and/or lower roller	(-4715)
Hand wheel with counter 8266	(-4723)
Motor-driven application bending roller 80/90 mm rollers	(-4780)
Motor driven application bending roller 100-110/120 mm rollers	(-0804)
Motor-driven application bending roller 130/140 mm rollers	(-0903)
Motor-driven application bottom roller 80-90 mm rollers	(-3006)
Motor-driven application bottom roller 100-140 mm rollers	(-3055)
Floor stand for portable control panel	(-4004)
Control panel portable bending or bottom roller	(-5001)
Control panel portable bending + bottom roller	(-5100)
Frequency control 80-90 mm rollers	(-5209)
Frequency control 100-120 mm rollers	(-4301)
Frequency control 130-140 mm rollers	(-4400)
	(-4509)

Grinding machines

In the grinding assortment Luna can offer different column belt grinding and bench grinding machines.



Belt sanders

For metal

"Luna". Powerful belt grinders for coarse and fine grinding of metal. The sealed construction can be supplemented with efficient extraction. Rests on a metal base and can be angled as required. Self-adjusting band tension crank.

Supplied complete with 1-speed motor - enclosure protection class IP 54, motor protection with zero voltage tripping, angle stop and eye protection. Fan motor 1-speed motor - Enclosure protection class IP 54

Suitable abrasive belts see 3221 page 0000.

Brochure on request.



Nr 20533



Art. no.	20533	-0202	-0301
Luna	No	MB75	MB150
Design		Manuell	Manuell
Abrasive belt dim.	mm	75x2000	150x2000
Grinding table size	mm	75x530	150x530
Dimensions of the contact disc	mm	75x200	150x200
Sanding speed	m/sec	34	34
Sound level	dB (A)	88	88
Motor voltage	V	230/400 3-phase	230/400 3-phase
Motor output	kW	3.0	3.0
Rated current	A	6.7	6.7
Dimensions LxWxH	mm	1000x500x1010	1000x560x1010
Weight	kg	85	105
Accessories			
Extraction	20533	-0509	-0509
Motor voltage	V	230/400 3-phase	230/400 3-phase
		50 Hz	50 Hz
Motor output	kW	0.55	0.55
Rated current	A	1.2	1.2
Weight	kg	10	10
Graphite pad			
Dimension	mm	75x570	150x570
Dust bag			
	20533	-0806	-0806

Bench grinders

"Luna". Bench grinders for industrial and maintenance grinding work. Spindle mounted in ball bearings. Closed protective hoods and folding protective glass. Motor and other electrical equipment - protection class IP 44.

Supplied complete with grinding wheels and adjustable grinding support and 1.5 metre mains cable.

MSG 200 BH has a belt sanding device on the right side.



20181-0306



20181-0405

Art. no.	20181	-0100	-0207
Luna	No	MSG 150 H	MSG 200 H
Supplied with grinding disc	mm	150x25x32	200x32x32
Supplied with sanding belt	mm	-	-
Spindle speed	r/min	2950	2950
Distance between grinding wheels	mm	330	370
Height to centre of spindle	mm	125	140
Hole config. widthxdepth	mm	200x130	250x160
Motor voltage	V	230 1-phase 50 Hz	230 1-phase 50 Hz
Motor output	W	520	900
Rated current	A	2	4
Weight	kg	16	28
Diff to Norway			
Motor voltage	V	-	-
Rated current	A	-	-
Upright			
Height	mm	800	800
Weight	kg	14	14
Art. no.			
Luna	No	MSG 200 BH	MSG 250 H
Supplied with grinding disc	mm	250x32x32	250x32x32
Supplied with sanding belt	mm	100x914	-
Spindle speed	r/min	2950	2950
Distance between grinding wheels	mm	385	385
Height to centre of spindle	mm	150	150
Hole config. widthxdepth	mm	250x160	250x160
Motor voltage	V	230 1-phase 50 Hz	400 3-phase 50 Hz
Motor output	W	900	900
Rated current	A	4	1.3
Weight	kg	32	32
Diff to Norway			
Motor voltage	V	-	-
Rated current	A	-	-
Upright			
Height	mm	800	800
Weight	kg	14	14

Drilling machines

Luna offer different types of drilling machines covering most demands within lighter production, service and maintenance jobs and education.





Illustration shows MD30F

"Luna". Bench and vertical drilling machines designed with a powerful steel column Drill head and drill arm can be swivelled through 360°, raised and lowered via a rack and pinion. Gear operation and gearbox with helical gears of steel and fibre material for a silent machine requiring a minimum of maintenance. Quick and easy selection between the 8 steps in the gearbox. Supplied complete with quick drill chuck 3-16 mm including table chuck unit, adapter sleeve M3-M2 and M3-M1 as well as motor cut-out with zero voltage tripping and emergency stop - IP 41. Rectangular table with T-slots, oil channel and drill protection.

Standard machine	20714	-0104	-0203
Luna	No	MD30B	MD30F
Model		Bench	Column
Design		Manual	Manual
Capacity in steel	mm	25	25
Tapping capacity (max. 4 times/min)	M	16	16
Spindle taper	MT	3	3
Spindle movement	mm	130	130
Spindle speeds	st	8	8
Spindle speed	r/min	105-2900	105-2900
Column diameter	mm	100	100
Distance spindle centre - column	mm	255	255
Max. / min. distance spindle nose - table	mm	-	915/0
Spindle nose - foot plate	mm	584/80	584/80
Table size	mm	-	500x350
Table pin Ø	mm	-	60
T-slot width	mm	14	14
T-slot c/c	mm	140	140
Sound level	dB (A)	76	76
Motor voltage	V	400 3-phase 50 Hz	400 3-phase 50 Hz
Working plan, machined foot	mm	14	-
Motor output	kW	0.65/0.9	0.65/0.9
Rated current	A	1.8/2.3	1.8/2.3
Weight	kg	130	170
Ditto for Norway	20714	-5004	-5103
Motor voltage	V		230 3-phase 50 Hz
Rated current	A		3.3/4.2

* Supplied assembled from factor. ** Included as standard

Crosscutting machines

The Luna assortment involves circular sawmill, horizontal and vertical band saws and traditional cold saws.





Picture shows MBH 150

Band saws horizontal

"Luna". Band saws manual in self-feed design. Supplied with length stop. The saw clamp can be quickly adjusted for mitres as is locked mechanically. Manual machine vice with rapid clamping. The saw blade is guided up via hard metal plates and ball bearings. Supplied complete with motor - protection class IP 54, electric coolant pump, band saw blade and instruction book.

Art. no.	20097	-0101	-0206	-0309
Luna	Nr	MBH 150	MBH 170	MBH 225
Design		Semi-man.	Semi-man.	Semi-man.
Sawblade dimension	mm	1735 x 12.7 x 0.9	2060 x 20 x 0.9	2490 x 20 x 0.9
Cross cutter round max.	mm	150	170	200
Cross cutter square max.	mm	150 x 125	140 x 210	200
Mitre		0°-45°-60°	0°-45°	45°-0°
Vice		Manual	Manual	Manual
Band speed	m/min	65	40/80	40/80
Supply voltage	V	24	50 Hz	50 Hz
Motor voltage	V	230 1-phase	400 3-phase	400 3-phase
Motor output	kW	0.37	0.75	1.1
Rated current	A	1.6	1.4	2.0
Coolant pump	kW	50	50	50
Support		Incl.	Incl.	Incl.
Weight	kg	78	157	200
Ditto for Norway	20097	-	-5001	-5100
Motor voltage	V	-	230 3-phase	230 3-phase
Rated current	A	-	50 Hz	50 Hz
			2.5	2.7

Cutting machines

"Luna". Compact and versatile cross-cutting saw. The cutting head can be quickly set for mitring up to 45° left, right. Diaphragm coolant pump and coolant tank in the machine base. Worm gear runs in oil bath. The blade protection is linked to the cutting head. Clamping of the material on both sides of the blade, and quick locking of the vice. Supplied with 2-speed motor - enclosure class IP 44, coolant pump, length stop. Supplied without circular saw blade, and stand. Suitable cutting fluid see 2912 page 0000. Suitable cutting off blade see 7111 page 0000. Brochure on request.



Illustration shows MCC 315 with support

Art. no.	20651	-0109	-0206
Luna	No	MCC 250	MCC 315
Design		Manual	Manual
Cross-cutting saw diam. max	mm	250	315
Cuts round max 90° (45°)	mm	75 (65)	100 (90)
Cuts square max 90° (45°)	mm	65 (58)	90 (80)
Cuts rectangular max 90° (45°)	mm	90x50 (70x50)	115x70 (85x70)
Mitre		45°-0°-45°	45°-0°-45°
Man. vice opening	mm	100	120
Speed	t/min	42/84	42/84
Saw blade holediam.	mm	32	32
Motor voltage	V	400 3-phase 50 Hz	400 3-phase 50 Hz
Motor output	kW	1.3	2.2
Coolant pump		Membran	Membran
Weight incl. support	kg	125	165
Size incl. support	mm	900x550x1360	1100x700x1560
Ditto for Norway	20651	-5009	-5108
Motor voltage	V	230 3-phase 50 Hz	230 3-phase 50 Hz
Accessories:			
Support	20651	-0406	-0505

Cold saw

"Luna". Hydraulic cold saws. The collet runs vertically supported by two ground side plates. The actuator is placed on the side, a stop button is operated automatically for completed cutting. Rapid raising of the collet to the desired position. Coolant pump starts automatically. The cutting pressure is hydraulically stepless adjustable. Mitre for 45° of the vice jaw. Enclosure protection class IP 54. Supplied with one machine saw blade. Suitable cutting fluid see 2912 page 0000. Suitable machine saw blade - see page 0000. Other sizes and motor voltages quoted on request.



No 20653

Art. no.	20653	-0107
Luna	No	MH 280
Design		Manual
Machine sawblade dim.	mm	450x32x1.6x Ø8.3
Cross cutter round max.	mm	280
Cuts square max.	mm	250x250
Cuts rectangular max.	mm	280x250
Mitring max 45°	mm	130
Machine vice		Manual
Number of strokes	per min	80-100-120
Motor voltage	V	400 3-phase 50 Hz
Motor output	kW	1.5
Coolant pump	kW	0.12
Weight	kg	520
Size	mm	1470x850x1100

Milling machines

With Luna you have access to universal milling machines for milling and drilling works.



Milling and drilling machine



No 20865

"Luna". Belt-driven combined drill and milling machine. Suitable for tool and model work when drilling and milling can be carried out in the same mounting. The drill spindle is equipped with both a quick advance, where the feed lever works directly against gear rack on the spindle housing and with a fine feed knob. Binding tools is done via a carriage beam. The machine has variable adjustment of the spindle speed. Supplied with motor, motor cut-out and zero voltage tripping.

Art. no.	20865	-0101
Luna	No	MDM 250
Model		Bench
Design		Manual
Capacity in steel	mm	25
Milling capacity, flat face milling	mm	50
Milling capacity, end milling	mm	25
Thread capacity	M	12
Spindle taper	MT	3
Spindle movement	mm	70
Spindle speed	r/min	100-1750
Column diameter	mm	60
Max. distance spindle nose - table	mm	350
Coordinate table	mm	550x160
Lengthwise movement	mm	300
Cross movement	mm	160
Motor voltage	V	230 1-phase 50 Hz
Motor output	kW	1.0
Weight	kg	165
Lower beam	20865	-0507



No 20511

"Luna". Belt-driven combined drill and milling machine. Suitable for tool and model work when drilling and milling can be carried out in the same mounting. The drill spindle is equipped with both quick advance feed, in which the feed lever works directly against gear rack on the spindle housing and with a fine feed wheel. Binding tools is done via a draw bar. Supplied with a 2-speed motor and with motor protector with zero voltage release.

Art. no.	20511	-0109
Luna	No	MDM 320
Model		Bench
Design		Manual
Capacity in steel	mm	32
Milling capacity, face milling	mm	76
Milling capacity, end milling	mm	20
Thread capacity	M	19
Spindle taper	MT	3
Spindle movement	mm	130
Spindle speeds	Items	12
Spindle speed	r/min	100-2080
Column diameter	mm	115
Max. distance spindle nose - bench	mm	480
Coordinate table	mm	730x210
Lengthwise movement	mm	500
Cross movement	mm	175
Motor voltage	V	400 3-phase 50 Hz
Motor output	kW	1,1/1,5
Weight	kg	270
Drill for Norway	20511	-S009
Motor voltage	V	230 3-phase 50 Hz
Accessories:		
Lower beam	20511	-0406

Milling and drilling machine

"Luna". Combined drill and milling machine with gearbox. Suitable for tool and model work when drilling and milling can be carried out in the same mounting. The drill spindle is equipped with both a quick advance, where the feed lever works directly against gear rack on the spindle housing and with a fine feed knob. Binding tools is done via a carriage beam. 20457-0105 has spindle taper ISO 30.

The drill head can be rotated 0-45° in both directions.

Supplied with a 1-speed motor and with motor protector with zero voltage release. Sony digital measurement equipment on request.

Art. no.	20457	-0105	-0204
Luna	No	MDM-400	MDM-401
Manual		Bench	Bench
Design		Manuell	Manuell
Drill capacity in steel	mm	40	40
Milling capacity, flat face milling	mm	76	76
Thread capacity	M	19	19
Spindle taper		MT 3	ISO 30
Spindle movement	mm	130	130
Spindle speeds	items	6	6
Spindle speed	r/min	50-1250	50-1250
Column diameter	mm	75	75
Distance spindle centre - column	mm	255	255
Max. distance spindle nose - bench	mm	470	470
Min. distance spindle nose - bench	mm	110	110
Coordinate table	mm	730x210	730x210
Lengthwise movement	mm	500	500
Cross movement	mm	270	270
T-slot width	mm	14	14
T-slot c/c	mm	56	56
Motor voltage	V	400 3-phase 50 Hz	400 3-phase 50 Hz
Motor output	kW	1,5	1,5
Weight	kg	290	290
Ditto for Norway	0826	-5001	-5100
Motor voltage	V	230 3-phase 50 Hz	230 3-phase 50 Hz
Accessories:			
Lower beam	20457	-2002	-2002



No 20457

With motorised longitudinal feed

"Luna". Combined milling and drilling machine. Suitable for repair, maintenance and training purposes when drilling and milling can be carried out in the same setup. The drill spindle is equipped with both a high-speed feed function, in which the feed lever works directly against the gear rack on the spindle housing, and with a fine-feed handwheel. Tools are locked via a drawbar with M 12 thread. The drill head folds 90° in both directions. Dovetail guides provide excellent stability for head and table.

Supplied complete with motorised longitudinal feed, cast iron stand, central lubrication, 2-speed motor, automatic circuit breaker with zero voltage release, complete cooling equipment and automatic reversing with level indicator.

Art. no.	20885	-0107
Luna	No	MMO 500
Design		Base
Drill capacity in steel	mm	32
Milling capacity, flat face milling	mm	102
Milling capacity, end milling	mm	32
Thread capacity (max. 4 times/min)	M	16
Spindle taper	ISO	30
Spindle movement	mm	120
Spindle speeds	items	12
Spindle speed	r/min	50-2500
Column diameter	mm	250
Distance spindle centre - column	mm	295
Max. distance spindle nose - table	mm	460
Min. distance spindle nose - table	mm	110
Coordinate table	mm	820x240
Lengthwise movement	mm	450
Cross movement	mm	350
Height movement, head	mm	350
T-slot width	mm	15
T-slot c/c	mm	64
Motor voltage	V	400 3-phase 50 Hz
Motor output	kW	1,5
Rated current	A	3,8/3,6
Weight	kg	650
Weight incl. packaging	kg	690
Size of packaging	mm	1040x980x1880
Ditto for Norway	2114	-5006
Motor voltage	V	230 3-phase 50 Hz



No 20885



Illustration shows MM 3000

"Luna": Universal milling machines with sturdy cast column. Over arm with milling head is pivotable 90° in both directions and 45° forward-backward. Variator with reinforced oil bronze mounted pulley that runs on a chrome-plated axle. The rotation direction of the main motor can be changed. Heavy-duty lubrication around down feed systems, spindle housing and low gear. Disconnecting feed handle. The machines are equipped with dovetail guides which provide good stability for slides and bench. Supplied with hinged overhead panel with low voltage system, electronic longitudinal and horizontal feed with stepless feed and fixed rapid feed, central lubrication, cooling equipment, cutting pan, electronic equipment in accordance with CE norms and micrometer stop for adjustment of working depth.

Sony digital measurement equipment can be quoted on request.

Art. no.	20892	-0108	-0207
Luna	No	MM 3000	MM 3001
Design		Universal	Universal
Spindle taper	ISO	30	40
Spindle movement	mm	127	127
Spindle speeds	2	Variable	Variable
Spindle speed	r/min	Low 60-500	Low 70-500
Spindle speed	r/min	High 500-4200	High 500-3600
Spindle feed	items	3	3
Spindle speed	mm/r	0.038-0.076-0.203	0.038-0.076-0.203
Distance spindle centre - column	mm	140-528	140-528
Distance spindle nose - table	mm	84-498	40-498
Table size	mm	254x1270	254x1270
T-slots	items	3	3
T-slot width	mm	16	16
T-slot c/c	mm	57	-
Lengthwise movement	mm	790	890
Cross movement	mm	406	406
Vertical movement	mm	406	406
Supply voltage	V	230/400 3-phase 50 Hz	230/400 3-phase 50 Hz
Main motor	kW	2.25	3.75
Max. load on table	kg	300	350
Weight	kg	1200	1600
Ditto for Norway	20892	-5008	-5107
Motor voltage	V	230 3-phase 50 Hz	230 3-phase 50 Hz
Cross feed	20892	-0306	-0306
Height feed	20892	-0405	-0405
Pneum. tool lock	20892	-0504	-0504

Lathes

Within the lathe segment Luna supplies a wide assortment of lathes for lighter production, service and maintenance works and education.





Illustration shows ML 510



Illustration shows ML 714



Illustration shows MLF 1022

"Luna". ML 0510. Small support lathe suitable for modellers, toolmakers, service and repair work. For machining metal, plastic etc. Torsionally reinforced bed with dovetail joint that gives exact control of the support and tailstock. Variator for variable speed control. Cross-slide has T-slot for mounting various tools.

Supplied complete with 1-speed motor, enclosure protection class IP 44, microswitch on the chuck guard. Automatic length feed, rear splash guard, double tool holders for 13 mm tools, lathe chuck, fixed centre MT1 and MT2 with 2x3 jaws $\varnothing$ 80 mm, and intermediate flange.

ML 0714. A support lathe suitable for modellers, toolmakers, precision instrument makers, service and repair work. For machining metal, plastic etc. Torsion resistant reinforced bed with v-prisma, allowing exact control of the support and tailstock. The main spindle is mounted in strong precision ball bearings. Variator for variable speed control.

Supplied complete with 1-speed motor, enclosure protection class IP 54, lathe chuck with 2x3 jaws $\varnothing$ 80 mm and intermediate flange, fixed centres, 4-way tool holder for 15 mm tools. Digital speed, cross-slide and upper-slide display.

MLF 1022. A robust machine tool suitable for tool makers, fine mechanical workshops, schools, garages, hobby, service and repair work. Perfect for complicated parts, one-off or serial production of small components. Torsion resistant reinforced bed with v-prisma, allowing exact control of the support and tailstock. The main spindle is mounted in strong precision roller bearings. Power drive belt operation provides safe transmission from motor to main spindle. Speed changed via V-belt. Cross-slide has double T-slot for mounting various accessories.

Supplied complete with 1-speed motor, lathe chuck with 2x3 jaws $\varnothing$ 125 mm, upper-slide that swivels 360°, fixed centres, 4-way tool holder, driving disc and drive, variable speed gear and chuck guard.

Machines is also equipped with a milling head.

Art. no.	20650	-0100	-0209	-0308
Luna	No	ML 510	ML 714	MLF 1022
Design		Bench	Bench	Bench
Centre distance	mm	250	350	550
Centre height	mm	70	90	125
Turning diam. over bed	mm	140	180	250
Spindle passage	mm	9	20	20
Headstock taper	MT	2	3	3
Tailstock taper	MT	1	2	2
Spindle speed	Items	variable	variable	6
Spindle speed	r/min	100-2000	100-3000	125-210-420-620-1000-2000
Sliding feed	ste a.	2	2	2
Sliding feed	mm/r	0.05-0.10	0.10-0.20	0.10-0.20
Cross-slide movement	mm	60	65	100
Compound rest movement	mm	-	55	50
Screw pitch	e.a.	5	10	12
Screw pitch	mm	0.5-0.7-0.8-1.0-1.25	0.4-2.0	0.4-0.5-0.6-0.7-0.8-1.0-1.25-1.5-1.75-2-2.5-3
Screw pitch	e.a.	5	8	8
Screw pitch	times/inch	16-18-19-20-24	12-52	10-11-14-19-20-22-40-44
Sound level	dB (A)	70	-	72.3
Motor voltage	V	230 1-phase 50 Hz	230 1-phase 50 Hz	230 1-phase 50 Hz
Motor output	kW	0.15	0.35	0.55
Weight	kg	22	44	145
Milling unit				
Drill capacity	mm	-	-	13
Shank-end mill capacity	mm	-	-	16
Face-milling cutter capacity	mm	-	-	30
Spindle taper	MT	-	-	3
Spindle speed, low	r/min	-	-	0-1100
Spindle speed, high	r/min	-	-	0-2500
T-slot	mm	-	-	12
Spindle angle	$\varnothing$	-	-	-25° +45°
Accessories				
Support	20650	-1199	-1199	-1181
Jaw chuck	20650	-1157	-1140	-1132
Faceplate	20650	-1058	-1041	-1033
Fixed steady	20650	-1124	-	-
Travelling steady	20650	-1090	-1082	-1074
Cross-slide	20650	-1025	-	-
Quick release drive set	20650	-	-1009	-
Lathe tool set 11 pieces	20650	-1173	-1173	-1165
Dog	20650	-1017	-1017	-

Metal lathes



"Luna": A flexible, modern and easy to work centre lathe, suitable for repair, maintenance and training purposes. The machine is designed as standard with a hardened and ground bed with opening, floor stand, spindle brake with foot control, hardened and ground pinion in the gearbox, Norton box for mm/inch.

Supplied complete with 1-speed motor, chuck guard med microswitch, halogen work light, rear splash guard, chuck, extensible chip tray, complete coolant equipment, 3-jaw chuck $\varnothing$ 160 mm med 2x3 jaws, jaw chuck $\varnothing$ 200 mm, face plate $\varnothing$ 300 mm, chuck collet, fixed centres, quick release attachment with side holder for internal and external machining, die stock, fixed and follower rest, variable speed gear and tool set.

The electrical cabinet can be removed with 1500 mm cable when the machine needs to be placed against a wall.

Assembly, price on request.

Suitable gearbox oil see 2920-0102 page 0000.

Suitable cutting fluid see 2912-0102 page 0000.

Illustration shows ML 1440

Art. no.	20758	-0101	-0200
Luna	No	ML 1330	ML 1440
Model		Floor	Floor
Utförande/Design		Support	Support
Centre distance	mm	750	1000
Centre height	mm	165	180
Turning diameter over bed	mm	330	360
Turning diameter over cross slide	mm	200	215
Turning diameter in gap width	mm	476	506
Gap width	mm	149	149
Width of lathe bed	mm	187	187
Spindle passage	mm	38	38
Spindle nose	Camlock	D1-4	D1-4
Headstock taper	MT	5	5
Tailstock taper	MT	3	3
Tailstock spindle movement	mm	95	95
Tailstock spindle diameter	mm	32	32
Spindle speeds	items	8	8
Spindle speed	r/min	70, 115, 190, 300, 460, 755, 1255, 2000	70, 115, 190, 300, 460, 755, 1255, 2000
Sliding feed	items	20	20
Sliding feed	mm/r	0,067-1,019	0,067-1,019
Cross-slide movement	mm	160	160
Compound rest movement	mm	68	68
Cross feed	items	20	20
Cross feed	mm/r	0,018-0,275	0,018-0,275
Gångstigning	items	27	27
Screw pitch	mm	0,45-10	0,45-10
Screw pitch	items	36	36
Screw pitch	times/inch	80-3,5	80-3,5
Sound level	dB (A)	81	81
Supply voltage	V	110	110
Motor voltage	V	230/400	230/400
Motor output	kW	3-phase 50 Hz	3-phase 50 Hz
Rated current	A	1,5	1,5
Lighting	V	6,3/3,7	6,3/3,7
Coolant pump	kW	24	24
Rated current	A	0,04	0,04
Support		0,48/0,25	0,48/0,25
Weight	kg	Welded	Welded
Weight incl. packaging	kg	590	620
Packaging size	mm	690	720
		1720x750x1400	1920x750x1400
Ditto for Norway	20758	-S001	-S100
Motor voltage	V	230 3-phase 50 Hz	230 3-phase 50 Hz
Rated current, main motor	A	6,3	6,3
Rated current, coolant pump	A	0,48	0,48
Ditto for vessels	20758	-	-S209
Motor voltage	V	-	440 3-phase 60 Hz
Rated current, main motor	A	-	1,5
Rated current, coolant pump	A	-	0,04
Accessories:			
For quick release attachment			
Side holder max tool steel 25 mm	20758	-0309	-0309
Side holder max tool steel 30 $\varnothing$ mm	20758	-0408	-0408



No 20711

"Luna". Floor press. Suitable for repair and maintenance workshops. The press unit is equipped with an adjustment screw to be a reach the work material more rapidly.

Supplied med combined flat and V-block (2) and pressure gauge.

20711-0107 MW B15H with 1-stage hand pump.

207110206 MW 30FH with 2-stage hand pump.

20711-0305 MW 50FH with 2-stage hand pump, table lift and moving head.

20711-0404 MW 50HP with hand operated compressed air and hand pump, table lift and moving head.

Accessories: Punch set including (1 punch head and die holder), punches $\varnothing$ mm 12, 16, 18, 20, 22, 25, 30.

Art. no.	20711	-0107	-0206	-0305	-0404
Luna	No	MW 15BH	MW 30FH	MW 50FH	MW 50HP
Design		Bench	Floor	Floor	Floor
Compression pressure	kN	150	300	500	500
Compression pressure	ton	15	30	50	50
Stroke length	mm	95	120	120	120
Adjustment screw, max. length	mm	75	75	75	75
Max. stroke length incl. adjustment screw	mm	170	195	195	195
Press head laterally adjustable	mm	-	-	250	250
Max. distance compression unit - bench	mm	450	630	615	615
Min. distance compression unit - bench	mm	150	180	165	165
Inner width	mm	500	550	710	710
Frame width, inside dimension	mm	120	120	145	145
Overall height	mm	940	1750	1810	1810
Total width	mm	605	670	880	880
Weight	kg	77	137	239	245
Set of punches	20534	-1001	-1100	-1100	-1100